

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NZ2004/000133

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: F26B 3/20, 15/00, 17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F26B 3/-, 15/-, 17/-, 23/-

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI: F26B 3/- or 15/- or 17/- or 23/- and keywords (Heat (s) pump+)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Derwent Abstract Accession No 04210J/48, Class F07, Q76, SU 901778 A (BAST FIBRE IND RES) 30 January 1982	1-26
X	US 4646447 A (AZNAVORIAN, ARACHIN) 3 March 1987 Whole document	1-26
X	Derwent Abstract Accession No 84-058381/10, Class Q76, JP 59-014758 A (CHUBU CREATE KOGYO) 25 January 1984	1-26
X	Derwent Abstract Accession No 96-374577/38, Class X25, JP 81-78522 A (HITACHI LTD) 12 July 1996	1-26

☒ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 28 September 2004	Date of mailing of the international search report 5 OCT 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929	Authorized officer. GREGORY DIVEN Telephone No : (02) 6283 2992

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5537758 A (GUARISE, ANGELO ET AL) 23 July 1996 Whole document	
A	Derwent Abstract Accession No 94-173138/21, Class Q76, JP 06-114834 A (TAKAGI SANGYO KK) 26 April 1994	
A	Derwent Abstract Accession No 84-245394/40, Class Q74, Q76, FR 2541760 A (SOC FRAN PETROL BP) 31 August 1984	
A	Derwent Abstract Accession No 84-239001/39, Class Q76, EP 119931 A (AZNAVORIAN A) 26 September 1984	
A	Derwent Abstract Accession No 88-834231/49, Class Q74, Q76, DE3319348 A (VALMET OY) 1 December 1983	
A	Derwent Abstract Accession No 96-443225/44, Class D22, F07, WO 1996/029458 A (PATENT & INNOVATIONSAGENTUR NORDRHEIN) 26 September 1996	
A	Derwent Abstract Accession No 96-374577/38, Class X25, JP 81-78522 A (HITACHI LTD) 12 July 1996	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/NZ2004/000133

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member			
SU	901778		NONE			
US	4646447	AT	37600	DE	3474340	EP 0119931
		FR	2542856			
JP	59014758		NONE			
JP	9152273		NONE			
US	9501540	BR	9405388	CN	1111068	DE 69407552
		EP	0657017	ES	2113116	IT 1270783
		KR	9611683	WO	9501540	
JP	06114834	JP	2000167831	JP	2000198115	
FR	2541760		NONE			
DE	3319348	FI	821906	SE	8302881	
JP	9152273		NONE			
WO	1996/029458	DE	19510001			
JP	8178522		NONE			

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX